

*SGW*

**CERTIFICATE OF MAILING**

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*Rebecca A. Baumann*  
Signature: Rebecca A. Baumann

**PATENT**

**Attorney Docket No. AMK-BK-00001**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application	)	<u>PATENT APPLICATION</u>
	)	
Inventor(s): Sung Soon Park et al.	)	
	)	Art Unit: 2813
Application No.: 10/672,886	)	
	)	Examiner: Tuan H. Nguyen
Filed: 9/26/2003	)	
	)	
Title SEMICONDUCTOR PACKAGE STRUCTURE	)	
REDUCING WARPAGE AND	)	
MANUFACTURING METHOD THEREOF	)	

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and non-U.S. patent, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP § 609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56.

- ☒ This statement qualifies under 37 C.F.R. § 1.97, subsection (b) because (check all that apply):
- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)  
-- OR --
  - ☐ (2) It is being filed within 3 months of entry of a national stage  
-- OR --
  - ☒ (3) It is being filed before the mail date of the first Office Action on the merits.  
-- OR --
  - ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114
- ☐ 37 C.F.R. § 1.97(c). If this statement is being filed after the period specified in § 1.97(b), but before the mailing date of the earlier of a final office action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, then:
- ☐ a certification as specified in § 1.97(e) is provided below; or
  - ☐ a fee of \$180.00 as set forth in § 1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. § 1.97(d). If this statement is being filed after the period specified in § 1.97(c), but on or before payment of the issue fee, then:
- A. a certification as specified in § 1.97(e) is completed below; and
  - B. a fee of \$180.00 as set forth in § 1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ **Fee Authorization.** The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0574 (Docket No. AMK-BK-00001).

Respectfully submitted,

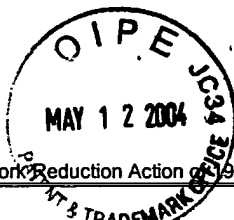
BEVER, HOFFMAN & HARMS, LLP

Dated: 5/7/04

By: James E. Parsons

James E. Parsons, Reg. No. 34,691

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Customer No. 22888



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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/672,886
				Filing Date	9/26/2003
				First Named Inventor:	Sung Soon Park
				Examiner: Tuan H. Nguyen	GROUP: 2813
Sheet	1	of	3	Attorney Docket Number	AMK-BK-00001

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cited No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	A01	US-5,474,958	12/1995	Djennas et al.	
	A02	US-5,602,059	02/1997	Horiuchi et al.	
	A03	US-5,620,928	04/1997	Lee et al.	
	A04	US-5,668,405	09/1997	Yamashita	
	A05	US-5,763,939	06/1998	Yamashita	
	A06	US-5,777,387	07/1998	Yamashita et al.	
	A07	US-5,786,239	07/1998	Ohsawa et al.	
	A08	US-5,885,849	03/1999	DiStefano et al.	
	A09	US-5,903,052	05/1999	Chen et al.	
	A10	US-5,909,633	06/1999	Haji et al.	
	A11	US-6,060,778	05/2000	Jeong et al.	
	A12	US-6,093,970	07/2000	Ohsawa et al.	
	A13	US-6,172,419	B1	01/2001	Kinsman

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Cntry Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER SIGNATURE:	DATE CONSIDERED:
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2. \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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	A14	US-6,180,881	B1	01/2001	Isaak	
	A15	US-6,198,171	B1	03/2001	Huang et al.	
	A16	US-6,225,146	B1	05/2001	Yamaguchi et al.	
	A17	US-6,242,281	B1	06/2001	McLellan et al.	
	A18	US-6,268,568	B1	07/2001	Kim	
	A19	US-6,395,578	B1	05/2002	Shin et al.	
	A20	US-6,399,418	B1	06/2002	Glenn et al.	
	A21	US-6,448,506	B1	09/2002	Glenn et al.	
	A22	US-6,452,278	B1	09/2002	DiCaprio et al.	
	A23	US-6,486,537	B1	11/2002	Liebhards	
	A24	US-6,501,184	B1	12/2002	Shin et al.	
	A25	US-6,515,356	B1	02/2003	Shin et al.	

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	A26	US-6,541,854	B2	04/2003	Huang et al.	
	A27	US-6,564,454	B1	05/2003	Glenn et al.	

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